

ABSTRACT

**MULTIMEDIA AND SCENT STORAGE CARTRIDGE DESIGN HAVING
ELECTROSTATIC SCENT RELEASE AND METHODS FOR USING SAME**

The present invention concerns a scent-bearing and multimedia card or disk for use in conjunction with scent recovery and multimedia playback systems. The scent-bearing and multimedia card or disk comprises an encapsulated optical storage disk for storing multimedia information, and an associated scent storage medium for storing at least one scent. The scent-bearing and multimedia card or disk contains digital scent recovery and multimedia playback control information for use by an associated scent recovery/release and multimedia playback system. The digital scent recovery and multimedia control information is used by the multimedia playback and scent release system to coordinate multimedia playback and scent release. Additional embodiments of the present invention comprise electrostatic scent release systems and methods for effectively and efficiently releasing scent stored in the scent- and multimedia-bearing card or disk. Further embodiments of the present invention comprise methods and systems for editing and storing the digital scent recovery and multimedia information so that user-specified scent recovery and multimedia sequences may be created for current use and saved for future use.